

Purchase Order Receipt Listing

Wednesday, July 29, 2015 10:16:16 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO29217 All Receipt Dates All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO29217	1		M304B0.375X03.000 f		7/27/2015	7/29/2015	12.0000	\$10.69	0.0000	0	\$128.26
CAD	No		M304 SS bar .375 x 3.00 m132876		12.0000	DCUSER		\$128.26	0.0000	0	
	2		M304R1.250		7/27/2015	7/29/2015	13.4000	\$9.42	0.0000	0	\$126.17
	No		304 round bar 1.250 f m132876		13.0000	DCUSER		\$126.17	0.0000	0	
	3		M6061T6B0.750X01.500		7/27/2015	7/29/2015	12.0000	\$2.67	0.0000	0	\$32.02
	No		6061-T6 Bar .750 X 1.50 m132876		12.0000	DCUSER		\$32.02	0.0000	0	
	4		M6061T6B4.500X4.5 f		7/27/2015	7/29/2015	6.0000	\$53.94	0.0000	0	\$323.64
	No		00 6061-T6 Aluminum Bar 4.500" X 4.500" m132876		6.0000	DCUSER		\$323.64	0.0000	0	
	5		M6061T6S.125 sf		7/27/2015	7/29/2015	65.0000	\$4.69	0.0000	0	\$305.08
	No		6061-T6 .125 Sheet m132876		64.0000	DCUSER		\$305.08	0.0000	0	
	6		M6061T6R3.500 f		7/27/2015	7/29/2015	12.0000	\$22.68	0.0000	0	\$272.20
	No		6061 RD bar 3.50 f m132876		12.0000	DCUSER		\$272.20	0.0000	0	
	7		M6061T6R0.375 f		7/27/2015	7/29/2015	60.0000	\$2.34	0.0000	0	\$140.10
	No		6061-T6 Round Bar .375" m132876		12.0000	DCUSER		\$140.10	0.0000	0	
	8		M6061T6R0.500 f		7/27/2015	7/29/2015	48.0000	\$1.17	0.0000	0	\$56.04
	No		6061-T6 Round Bar .500" m132876		24.0000	DCUSER		\$56.04	0.0000	0	

matl not rec'd
cyl 15/07/129

matl not rec'd
cyl 15/07/129

Purchase Order ID/ Curr Type	Line Nbr/ Insp	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO29217	9		M6061T6R0.625	f	7/27/2015	7/29/2015	36.0000	\$1.17	0.0000	0	\$42.03
CAD	No		6061-T6 Round Bar .625"	f	24.0000	DCUSER		\$42.03	0.0000	0	
			m132876								
	10		71401-45		7/27/2015	7/29/2015	1.0000	\$0.00	0.0000	0	\$0.00
	No		Procurement Quality Clause		1.0000	DCUSER		\$0.00	0.0000	0	
			m132876								
Total Received Quantity: 265.4000											
Total Qty to Inspect (PO U/M): 0.0000											
Total Reject Quantity: 0.0000											
Total Receipt Value: \$1,425.54											
Total Balance Due Quantity: 0.0000											

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G
No: PEC 945946
Ship Date 23Jul15 at 12:54 From PFW
Probill
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

B I L L O F L A D I N G

1) Our Order PEC-827862- 1 Your PO # 29217
STAINLESS STEEL FLAT BAR 304L SLIT/EDGED

3.75" x 3.00" X 144.0000"

Heat Number
1413526

Tag No
436659

Quantity
12 FT

PCS
1

Wt LBS
48

MTR

2) Our Order PEC-827862- 2 Your PO # 29217
STAINLESS STEEL ROUND BAR 304L

1.250" DIA X 157.0000"

Heat Number
S-11824

Tag No
436660

Quantity
13 ' 1.0000 "

PCS
1

Wt LBS
56

MTR

3) Our Order PEC-827862- 3 Your PO # 29217
ALUMINUM FLAT BAR 6061-T6511

.750" X 1.50" X 144.0000"

Heat Number
Z00256070

Tag No
436661

Quantity
12 FT

PCS
1

Wt LBS
16

MTR

4) Our Order PEC-827862- 4 Your PO # 29217
ALUMINUM SQUARE BAR 6061-T6511

4.50" X 72.0000"

Heat Number
201424059

Tag No
437209

Quantity
6 FT

PCS
1

Wt LBS
145

MTR

5) Our Order PEC-827862- 5 Your PO # 29217
ALUMINUM SHEET 6061 T6

1250 Nom X 48.5000" X 96.5000"

Heat Number
Z-1501Y6032

Tag No
436753

Quantity
65.00 SFT

PCS
2

Wt LBS
115

MTR

Page: 1Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

B I L L O F L A D I N G

No: PEC 945946

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 23Jul15 at 12:54 From PFW
Probill
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

6) Our Order PEC-827862- 6 Your PO # 29217
ALUMINUM ROUND BAR 6061-T6511

3.50" DIA X 144.0000"

CUT IN HALF

Heat Number
Z00158196

Tag No
437210

Quantity
12 FT

PCS
1

Wt LBS
135

MTR

7) Our Order PEC-827862- 7 Your PO # 29217
ALUMINUM ROUND BAR 6061-T6511

.375" DIA X 144.0000"

Heat Number
182055-2

Tag No
436662

Quantity
60 FT

PCS
5

Wt LBS
8

MTR

8) Our Order PEC-827862- 8 Your PO # 29217
ALUMINUM ROUND BAR 6061-T6511

.50" DIA X 144.0000"

Heat Number
178152-1

Tag No
436663

Quantity
48 FT

PCS
4

Wt LBS
12

MTR

9) Our Order PEC-827862- 9 Your PO # 29217
ALUMINUM ROUND BAR 6061-T6511

.625" DIA X 144.0000"

Heat Number
40958-100

Tag No
436664

Quantity
36 FT

PCS
3

Wt LBS
13

MTR

TOTAL:

Tags
9

PCS
19

LBS
548

Heat Number
1413526
178152-1
182055-2
201424059
40958-100

*** Chemical Analysis ***

Page: 2Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

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RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
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DATE

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2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

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Probill
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

S-11824
Z-1501Y6032
Z00158196
Z00256070

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

TOTAL 2 BDL 1 SKID GW 630 LBS

ITEM# 1 TO 3 & 7 TO 9 - 1 BDL
ITEM# 4 & 6 - 1 BDL
ITEM# 5 - 1 SKID

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

SPAS-07-29

Page: 3 Last

ALUMINUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

IN/CST# 1017227081 T0001 TPS/GST TV/HST # 140223934 RT0001

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
STAINLESS STEEL FLATBAR 304L SLIT/EDGED
3.75" x 3.00" x 144.0000
PART NO.

PO/REL 29217
We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by:

[Signature]

Certificate of Mill Test Results
BL PEC-945946-001

23Jul15
Pg 1/1

S.I.P.I.

Via Scheda 6A 41122 Ferrara Italy Tel: +39 0521 273198 Fax: +39 0521 273198

DAS
14 15/07/29
9-89

PAG 2/2

CERT. N. 17-14
DATE: 04/11/14

PACKING LIST NR 1162
YOUR ORDER PO03506/PO03547

ACCORDING TO ASTM A240 - ASTM A480-ASME SA240 - ASME 9A480

DESCRIPTION OF PRODUCTS
STAINLESS STEEL ROLLED
EDGES FLAT BARS

FIDELITY STAINLESS LTD
1303 NORTH SERVICE ROAD EAST
OAKVILLE ON L6H 1A7
CANADA

HEAT	COIL	Quality	LENGTH	THICK	WIDTH	WEIGHT	YIELD 0.2%	YIELD 1%	TENSILE STRENGTH	ELONGATION %	BEND TEST	HARDNESS	
A0402141	FA4053114	304/304L	12	3/16	2-1/2	1080	38.44		94.56	55.00		83.50	RB
A0401974	FA4052048	304/304L	12	1/8	1	2057	36.98		94.13	59.00		77.50	RB
A0401974	FA4052048	304/304L	12	1/8	2	1144	36.98		94.13	59.00		77.50	RB
1414427	144270300	304/304L	12	3/16	1	2081	41.05		92.87	60.00		82.00	RB
1414427	144270300	304/304L	12	3/16	1-1/4	1052	41.05		92.97	60.00		82.00	RB
1414427	144270300	304/304L	12	3/16	1-1/2	1063	41.05		92.97	60.00		82.00	RB
1414427	144270300	304/304L	12	3/16	2	1080	41.05		92.97	60.00		82.00	RB
A1402646	FA4070241	304/304L	12	1/4	1	1091	39.02		93.26	53.50		84.00	RB
A1402646	FA4070241	304/304L	12	1/4	1-1/2	2121	39.02		93.26	53.50		84.00	RB
A1402646	FA4070241	304/304L	12	1/4	2	4211	39.02		93.26	53.50		84.00	RB
A1402646	FA4070241	304/304L	12	1/4	5	1058	39.02		93.26	53.50		84.00	RB
1413526	135280400	304/304L	12	3/8	3	4383	43.08		94.42	63.00		85.00	RB
1413526	135280400	304/304L	12	3/8	5	1173	43.08		94.42	63.00		85.00	RB
HEAT	COIL	Quality	C	SI	Min	P	S	Cr	Mo	Ni	Ti	Co	N
A0402141	FA4053114	304/304L	0.016	0.490	1.650	0.038	0.001	18.000		8.000			0.050
A0401974	FA4052048	304/304L	0.016	0.440	1.590	0.038	0.002	18.100		8.000			0.050
1414427	144270300	304/304L	0.022	0.400	1.470	0.036	0.003	18.180		8.090			0.077
A1402646	FA4070241	304/304L	0.017	0.470	1.610	0.040	0.001	18.100		8.000			0.050
1413526	135280400	304/304L	0.019	0.370	1.490	0.043	0.007	18.050		8.070			0.076
QUENCHING:	1050°												
Claudio Catanzani													
Quality control													
Quality control													
FREE FROM MERCURY CONTAMINATION													
OK													
OK													
Quality control													

Caution: Carcinogenic

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL ROUND BAR 304L

1.250" DIA X 157.0000"

PART NO.

PO/Ref 29217

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-945946-002

23Jul15

Signed by:

Pg 1/1



INSPECTION CERTIFICATE

Certificate Type : EN 10204 / 3.1

Our Sales Order No. :-	OA-SBD-FR-1415-0201	Invoice No.	1415110001	Certificate No. :-	2015-0121
Customer Order No. :-	PEC-261353	Invoice Date :-	09-01-2015	Date :-	28-02-2015

Customer :- Thyssenkrupp Materials Na
2821 Langstaff Rd.,
Concord, Ontario L4K 5C6
Canada

Trade Mark:

ASS

Inspector's Mark:

ASS1

DAS

14

9-89

15/03/29

Material Details		Stainless Steel Grade 304L Round Bar Solution Annealed Centerless Ground & Polished				
Steel Grade	304/ 304L	Shape	Round	Size	1.250"	
Heat Number	S-11824	Tolerance	A 484	Length of Bars	12'11"-13'3"	
Net Weight	2012.82185	Number of Bars	35	Melting Process	E/F/A.O.D / MEMS	
Roller Numbers	AX-4232					
Requirements	AMS 5639H: 2002	AMS 5647J: 2011	ASM QQQ5763B: 2006	ASME SA 182: 2011	NACE MR	
	ASME SA 479: 2011	ASTM A 182: 2014	ASTM A 276: 2013	ASIM A 479: 2014		
	0175/ ISO 15156: 2009					

CHEMICAL ANALYSIS

	C %	SI %	Mn %	P %	S %	Cr %	Mo %	Ni %	Cu %	N2 %					
Min.						18.0		8.0							
Max.	0.030	1.0	2.0	0.040	0.030	20.0	1	10.5	1.0	0.100					
Melt	0.028	0.28	1.79	0.036	0.019	18.10	0.24	8.10	0.39	0.092					

MECHANICAL PROPERTIES

	Y5/(Rp0.2%) N/MM2	UTS N/MM2	% Elongation	% Reduction Area	Hardness (BHN)	Charpy Impact Notch (Longitudinal) (Joules)				
						Temp. Deg. (C)	Result			
	ASTM A 370: 2014	ASTM A 370: 2014	ASTM A 370: 2014	ASTM A 370: 2014	ASTM A 370: 2014					
Min.	207	517	40	50						
Max.										
Results	300.10	599.64	49.82	70.21	161					

Heat treatment:

Solution Annealed @ 1050° C Soaking for 1 hr 20 mins & Water quenched

Remarks:

- * Country Of Origin Of Goods - India
- * Free from Radioactivity - verified through Gamma Ray Spectrometer
- * No Mercury Contamination : Satisfactory
- * Micro & Macro Test - Satisfactory
- * No welding has been performed on the material
- * Heat Treatment furnace calibrated as per API 6A:2010 / ISO:2009, Annexure M
- * Visual & Dimensional Inspection - OK
- * Material identification tested through X-ray based portable Spectrometer
- * Specimen size for UTS - 12.50 mm
- * ICC test as per ASTM A262 Practice E: OK
- * ROHS Compliance

P. Singh

QA Head/NDT Inspector

AMBICA STAINLESS STEEL LIMITED

We confirm that the material is manufactured & supplied in accordance to the Purchase Order

Ambica Stainless Steel Limited

Works1: A-30, Site-IV, UPSIDC Industrial Area, Sahibabad, Ghaziabad-201010, U.P. India

Works2: Plot No-10, Site-2, Lini Road, Industrial Area, Mohan Nagar, Ghaziabad-201007, U.P. India

Registered Office: B-29, Ashok vihar, Phase-1, Delhi-110 052, India

Tel: +91 (120) 4564585/ 86/ 87 Fax: +91 (120) 4564588

Email: info@ass1.co.in, Web: www.ambicastainless.com, CIN: U27106DL2004PLC131284

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511
.750" X 1.50" X 144.0000"
PART NO.

PO/Rel 29217

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-945946-003

23Jul15

Signed by: 

Pg 1/2

KAISER
ALUMINUM
FABRICATED PRODUCTS

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

CUSTOMER PO NUMBER: PEC-266966-6		CUSTOMER PART NUMBER: 376/STK		PRODUCT DESCRIPTION: .750 X 1.500 SC RECT BAR	
KAISER ORDER NUMBER: 686784	LINE ITEM: 006	SHIP DATE: 05/12/2015	KAISER LOT NUMBER: Z00256070	ALLOY: 6061	TEMPER: T6511
WEIGHT SHIPPED: 1016.000 LB	QUANTITY: 64.000 PCS	B/L NUMBER: 611918	DIAM/DAF/THKNS: 	WIDTH: 	LENGTH: 12.000 FT
SHIP TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA			SOLD TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA		

DAS
14
9-89

15/07/29 Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
Z00256070	0001	1	42.8	37.4	20.2	RE 91	N/A	N/A
Z00256070	0001	2	42.6	37.1	21.8	RE 92	N/A	N/A
Z00256070	0002	1	44.1	40.0	20.3	RE 91	N/A	N/A
Z00256070	0002	2	43.6	39.0	20.9	RE 90	N/A	N/A
Z00256070	0002	3	43.7	39.1	20.2	RE 90	N/A	N/A
Z00256070	0002	4	44.0	39.8	20.5	RE 90	N/A	N/A
Z00256070	0002	5	44.2	40.0	18.7	RE 93	N/A	N/A
Z00256070	0002	6	44.2	40.0	19.0	RE 91	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
1C4825	.59	.24	.19	.07	.84	.06	.02	.02	.00	.00	.00	.01	.03

Applicable Requirements:

ASTM-B221-14 STENCILED ASME-S3221 1998 SECT II AMS-QQ-A-200/8-97 (REAF 2012) UNS#A96061
(T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY
OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

Plant Serial: 00176970
Kaiser Order Number: 686784
Line Item: 006

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511

.750" X 1.50" X 144.0000"

PART NO.

PO/Rel 29217

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Certificate of Mill Test Results

BL PEC-945946-003

23Jul15

Signed by: 

Pg 2/2

KAISER
ALUMINUM
FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Aimee L. Macnowski, Quality & Technology Manager

Aimee L. Macnowski

Plant Serial: 00176970
Kaiser Order Number: 686784
Line Item: 006

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM SHEET 6061 T6
1250 Nom X 48.5000" X 96.5000"
PART NO.

PO/Rel 29217

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

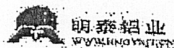
Certificate of Mill Test Results

BL PEC-945946-005

23Jul15

Signed by: 

Pg 1/2



HENAN MINGTAI AL. INDUSTRIAL CO., LTD
HUI GUO ZHEN, GONGYI, HENAN, CHINA
TEL: +86-371-67898615 FAX: +86-371-67898612

Mill Test Certificate

TO:

Metal Exchange Corporation
111 West Port Plaza Suite 700
Saint Louis, MO 63146
MTMT 108-150111

INVOICE NO.:

DESCRIPTION OF GOODS:

3003/H22 DIAMOND TREAD PLATE AND COIL
3003/H24 DIAMOND TREAD PLATE
5052/H32 AND 6061/T6 MILL FINISH SHEET

DAS

14

9-89

15/07/29

ACTUAL MILL CHEMICAL UNIT: %

Heat No.	Alloy No. Temper	Si	Fe	Cu	Mn	Mg	Zn	Ti	Cr	Others		Al
										Single	Total	
ASTM B209 AMS QQA 250/2	MAX	0.6	0.7	0.2	1.5	-	0.1	-	-	-	-	REMAIN
	MIN	-	-	0.05	1	-	-	-	-	0.05	0.15	REMAIN
Z-1412YB161	3003/H22	0.074	0.552	0.054	1.009	0.0011	0.008	0.028	0.0026	0.05	0.15	REMAIN
Z-1412YB162	3003/H22	0.074	0.552	0.054	1.009	0.0011	0.008	0.028	0.0026	0.05	0.15	REMAIN
Z-1412YB164	3003/H22	0.09	0.571	0.12	1.148	0.005	0.005	0.035	0.005	0.05	0.15	REMAIN
Z-1412YB165	3003/H22	0.102	0.695	0.106	1.114	0.012	0.005	0.032	0.009	0.05	0.15	REMAIN
Z-1412YB164	3003/H22	0.099	0.525	0.071	1.024	0.0049	0.012	0.028	0.0046	0.05	0.15	REMAIN
Z-1412YB165	3003/H22	0.089	0.519	0.058	1.058	0.013	0.015	0.028	0.0057	0.05	0.15	REMAIN
Z-1412YB166	3003/H22	0.091	0.637	0.068	1.027	0.0049	0.002	0.032	0.0048	0.05	0.15	REMAIN
Z-1412YB226	3003/H22	0.115	0.542	0.074	1.055	0.026	0.009	0.033	0.0071	0.05	0.15	REMAIN
ZB-1412YB170	3003/H22	0.098	0.517	0.071	1.097	0.0051	0.018	0.028	0.0065	0.05	0.15	REMAIN
ZB-1501YB051	3003/H22	0.053	0.595	0.122	1.117	<0.001	0.033	0.033	0.004	0.05	0.15	REMAIN
Z-1501YB007	3003/H22	0.103	0.52	0.056	1.058	0.0036	0.01	0.03	0.0047	0.05	0.15	REMAIN

MECHANICAL PROPERTY TEST REPORTS

Heat No.	Alloy No. Temper	Specified (mm)	Tensile strength		Yield strength		Elongation
			(MPa)	(KSI)	(MPa)	(KSI)	(%)
ASTM B209 AMS QQA 250/2	MAX	MAX	158	-	-	-	-
	MIN	MIN	117	83	7		
Z-1412YB161	3003/H22	3.175*1524*3048	128	104	14		
Z-1412YB162	3003/H22	3.175*1524°C	144	118	12		
Z-1412YB164	3003/H22	1.422*1219°C	142	108	14		
Z-1412YB165	3003/H22	1.422*1524°C	131	104	19		
Z-1412YB164	3003/H22	2.032*1524°C	129	102	13		
Z-1412YB165	3003/H22	2.032*1524°C	126	99	17		
Z-1412YB166	3003/H22	2.032*1524°C	128	99	22		
Z-1412YB225	3003/H22	2.54*1524°C	134	108	17		
ZB-1412YB170	3003/H22	3.175*1219*2438	134	111	16		
ZB-1501YB051	3003/H22	6.35*1219*2438	132	96	28		
Z-1501YB007	3003/H22	3.175*1219*2438	126	118	22		

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM SHEET 6061 T6
1250 Nom X 48.5000" X 96.5000"
PART NO.

PO/Rel 29217

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-945946-005

23Jul15

Pg 2/2

Signed by: 

DAS
14
9-89

15/04/29

ACTUAL MILL CHEMICAL UNIT: %

Heat No.	Alloy No. Temper	Si	Fe	Cu	Mn	Mg	Zn	Ti	Cr	Others		Al
										Single	Total	
ASTM B209 AMS QQA 260/8	MAX	0.25	0.4	0.1	0.1	2.8	0.1	-	0.35	-	-	REMAIN
	MIN	-	-	-	-	2.2	-	-	0.15	0.05	0.15	REMAIN
ZB-1412Y5252	5052/H32	0.122	0.288	0.046	0.034	2.212	0.004	0.012	0.177	0.05	0.15	REMAIN
ZB-1412Y5314	5052/H32	0.089	0.338	0.029	0.083	2.306	0.006	0.011	0.171	0.05	0.15	REMAIN
ZB-1501Y5010	5052/H32	0.062	0.264	0.012	0.079	2.304	0.006	0.014	0.186	0.05	0.15	REMAIN
ZB-1501Y5011	5052/H32	0.067	0.321	0.013	0.08	2.234	0.006	0.014	0.178	0.05	0.15	REMAIN
ZB-1501Y5012	5052/H32	0.067	0.288	0.021	0.058	2.329	0.002	0.014	0.184	0.05	0.15	REMAIN
ZB-1501Y5031	5052/H32	0.06	0.275	0.021	0.037	2.333	0.003	0.014	0.179	0.05	0.15	REMAIN
ZB-1501Y5041	5052/H32	0.072	0.292	0.016	0.028	2.242	0.007	0.01	0.175	0.05	0.15	REMAIN
ZB-1501Y5042	5052/H32	0.072	0.342	0.017	0.045	2.324	0.007	0.011	0.177	0.05	0.15	REMAIN
ZB-1501Y5043	5052/H32	0.068	0.302	0.011	0.036	2.261	0.002	0.014	0.179	0.05	0.15	REMAIN
ZB-1501Y5044	5052/H32	0.068	0.302	0.011	0.036	2.261	0.002	0.014	0.179	0.05	0.15	REMAIN
ZB-1501Y5046	5052/H32	0.067	0.344	0.013	0.033	2.279	0.006	0.01	0.176	0.05	0.15	REMAIN
ZB-1501Y5119	5052/H32	0.059	0.324	0.009	0.025	2.24	0.003	0.012	0.173	0.05	0.15	REMAIN
ZB-1501Y5121	5052/H32	0.072	0.288	0.01	0.029	2.271	0.007	0.013	0.162	0.05	0.15	REMAIN

MECHANICAL PROPERTY TEST REPORTS

Heat No.	Alloy No. Temper	Specified (mm)	Tensile strength		Yield strength		Elongation
			(MPa)	(KSI)	(MPa)	(KSI)	(%)
ASTM B209 AMS QQA 260/8	MAX	MAX	-	-	-	-	-
	MIN	MIN	214	-	159	-	11
ZB-1412Y5252	5052/H32	9.525*1219*3658	214	-	162	-	24
ZB-1412Y5314	5052/H32	9.525*1524*3048	216	-	161	-	24
ZB-1501Y5010	5052/H32	9.525*1524*3048	214	-	164	-	30
ZB-1501Y5011	5052/H32	9.525*1219*3658	216	-	160	-	28
ZB-1501Y5012	5052/H32	9.525*1219*3658	234	-	187	-	18
ZB-1501Y5031	5052/H32	9.525*1219*3658	215	-	160	-	30
ZB-1501Y5041	5052/H32	12.7*1524*3048	218	-	168	-	31
ZB-1501Y5042	5052/H32	9.525*1524*3048	220	-	164	-	27
ZB-1501Y5043	5052/H32	9.525*1219*2438	215	-	165	-	31
ZB-1501Y5044	5052/H32	9.525*1219*2438	216	-	166	-	35
ZB-1501Y5046	5052/H32	9.525*1219*2438	215	-	162	-	26
ZB-1501Y5119	5052/H32	9.525*1219*2438	217	-	163	-	26
ZB-1501Y5121	5052/H32	9.525*1624*3658	219	-	162	-	30

ACTUAL MILL CHEMICAL UNIT: %

Heat No.	Alloy No. Temper	Si	Fe	Cu	Mn	Mg	Zn	Ti	Cr	Others		Al
										Single	Total	
ASTM B209 AMS AMS4027	MAX	0.8	0.7	0.4	0.15	1.2	0.25	0.15	0.35	-	-	REMAIN
	MIN	0.4	-	0.15	-	0.8	-	-	0.04	0.05	0.15	REMAIN
Z-1501Y5032	6061/T6	0.033	0.378	0.285	0.038	1.125	0.004	0.024	0.184	0.05	0.15	REMAIN
Z-1501Y5033	6061/T6	0.594	0.368	0.254	0.047	1.037	0.008	0.024	0.191	0.05	0.15	REMAIN
Z-1501Y5035	6061/T6	0.624	0.316	0.247	0.043	1.039	0.007	0.024	0.192	0.05	0.15	REMAIN
Z-1501Y5036	6061/T6	0.653	0.346	0.267	0.031	1.024	0.009	0.025	0.202	0.05	0.15	REMAIN
ZB-1501Y5013	6061/T6	0.673	0.375	0.271	0.025	1.085	0.013	0.025	0.19	0.05	0.15	REMAIN
ZB-1501Y5014	6061/T6	0.673	0.375	0.271	0.025	1.085	0.013	0.025	0.18	0.05	0.15	REMAIN

MECHANICAL PROPERTY TEST REPORTS

Heat No.	Alloy No. Temper	Specified (mm)	Tensile strength		Yield strength		Elongation
			(MPa)	(KSI)	(MPa)	(KSI)	(%)
ASTM B209 AMS AMS4027	MAX	MAX	-	-	-	-	-
	MIN	MIN	290	-	241	-	10
Z-1501Y5032	6061/T6	3.175*1232*2451	324	-	317	-	20
Z-1501Y5033	6061/T6	3.175*1232*2451	328	-	287	-	14
Z-1501Y5036	6061/T6	3.175*1232*3081	336	-	302	-	12
Z-1501Y5038	6061/T6	3.175*1232*3081	336	-	293	-	16
ZB-1501Y5013	6061/T6	4.775*1232*3081	307	-	283	-	17
ZB-1501Y5014	6061/T6	4.775*1232*3081	309	-	273	-	16

COUNTRY OF MELT AND MANUFACTURE: CHINA
PRODUCER: HENAN MINGTAI AL. INDUSTRIAL CO., LTD

HENAN MINGTAI AL. INDUSTRIAL CO., LTD
河南明泰铝业股份有限公司

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM ROUND BAR, 6061-T6511
3.75" DIA X 144.0000"
PART NO.

PO/Rel 20217

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results

BL PEC-945946-007

23Jul15
Pg 1/1



DAS
14
9-89

TEL: (416)745-4444 FAX: (416)745-0925 1-800-668-7210
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4

http://www.extrudex.com

MILL TEST

BILL TO	THYSSENKRUPP MATERIALS, NA	CERT CODE:	173	9	0.93	DIE NUMBER	S	2333	DATE OF SHIPMENT	JUL/02/2015	EXTRUDEX ORDER NO.	182055	2	330760	MANIFEST NO.
SHIP TO	THYSSENKRUPP MATERIALS, NA	CUSTOMER PO	PEC-267819	ALLOY	6061	TEMPER	T6511	SALESMAN	FORBES DODWELL						
SO DESCRIPTION	3.75" DIA	CUSTOMER PART NUMBER	2333-S	PART DESCRIPTION	3.75" DIA	CERTIFICATION	ASTM B221-13 - AMS OQA 200/8								

Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness Rockwell E	Conductivity
A.11	6061	Jun/30/2015	43.20	38.00	18.70	87.7, 86.9, 87.2	

Chemical Composition

Cast Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
A.11 28836	0.58	0.237	0.217	0.057	0.84	0.055	0	0.015	0.01	0	0	0	0	0	0	0	0	0	0	Remainder 0.012

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

David Natale
Quality Control Manager

1 - CUSTOMER COPY

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
ALUMINUM ROUND BAR 6061-T6511
50" DIA X 144.0000"
PART NO.

PO/Rel 20217

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

[Signature]

BL PEC-945946-008

23Jul15
Pg 1/1

Certificate of Mill Test Results



TEL: (416) 745-4444 FAX: (416) 745-0925 1-800-668-7210
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4
http://www.extrudex.com

MILL TEST

BILL TO THYSSENKRUPP MATERIALS NA	CERT CODE: 9	DIE NUMBER S	DATE OF SHIPMENT Mar/05/2015	EXTRUDEX ORDER NO. 178152 - 1	MANIFEST NO. 324075
SHIP TO THYSSENKRUPP MATERIALS NA	CUSTOMER PO PEC-265138	ALLOY 6061	SALESMAN FORBES DODWELL	MADE IN CANADA	
SO DESCRIPTION 500" RD	CUSTOMER PART NUMBER 2162-S	PART DESCRIPTION 500" RD	CERTIFICATION ASTM B221-13 - AMS QQA 200/8		

Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness Rockwell F	Conductivity
A.11	6061	Feb/27/2015	44.30	38.80	19.60	88.6, 88.2, 88.1	

Chemical Composition

Cast Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Al	Y	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
A.11 150213618 6061	0.55	0.16	0.2	0.02	0.8	0.08	0	0	0.01	0	0	0	0	0	0	0	0	0	0	Remainder

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

[Signature]

David Natale
Quality Control Manager

1 - CUSTOMER COPY

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM ROUND BAR 6061-T6511
.625" DIA X 144.0000"
PART NO.

PO/Rel 29217

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-945946-009

23Jul15

Signed by: 

Pg 1/2

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CERTIFIED TEST REPORT

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KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER: PEC-267331-1		CUSTOMER PART NUMBER: R87/STK		PRODUCT DESCRIPTION: 625 +/- .004 ROD	
KAISER ORDER NUMBER: 687615	LINE ITEM: 001	SHIP DATE: 06/02/2015	KAISER LOT NUMBER: 40958-100	ALLOY: 6061	TEMPER: T6511
WEIGHT SHIPPED: 0.000 LB	QUANTITY: 0.000 PCS	B/L NUMBER: 612125	DIAM/DAF/THKNS:	WIDTH:	LENGTH: FT
SHIP TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA			SOLD TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA		

DAS
14

15/07/29

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
40958-100	0001	1	48.1	42.4	15.0	RE 97	N/A	N/A
40958-100	0001	2	48.1	42.4	15.0	RE 91	N/A	N/A
40958-100	0001	3	47.3	41.6	16.0	RE 93	N/A	N/A
40958-100	0001	4	45.7	39.0	18.0	RE 91	N/A	N/A
40958-100	0001	5	45.7	39.8	17.0	RE 91	N/A	N/A
40958-100	0001	6	46.2	39.5	17.0	RE 91	N/A	N/A
40958-100	0001	7	45.6	39.1	15.0	RE 91	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
H46008	.74	.36	.24	.09	.88	.10	.12	.02	.01	.00	.00	.31	.03

Applicable Requirements:

ASTM-B221-14 NON-STENCILED ASME-SB221 1998 SECT II AMS-QQ-A-200/8 97 (REAF 2012)
UNS#A96061 (T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA (SHERMAN, TX) MELTED IN USA
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY
OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

Plant Serial: 00179424

Kaiser Order Number: 687615

Line Item: 001

THYSSENKRUPP MATERIALS NA


DART AEROSPACE

ALUMINUM ROUND BAR 6061-T6511
.625" DIA X 144.0000"
PART NO.

PO/Rel 29217

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

Signed by:  BL PEC-945946-009 23Jul15
Pg 2/2

KAISER
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KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

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<http://Online.KaiserAluminum.com>

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Aimee L. Macnowski, Quality & Technology Manager

Aimee L. Macnowski

Plant Serial: 00179424
Kaiser Order Number: 687615
Line Item: 001

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M16061T6
 DATE: 15/07/29

PO / BATCH NO.: 29217/1132876

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 65 SA
 QUANTITY INSPECTED: 65 SA
 QUANTITY REJECTED: _____

THICKNESS ORDERED: .125"
 THICKNESS RECEIVED: .122"
 SHEET SIZE ORDERED: 4X8
 SHEET SIZE RECEIVED: 4X8

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
PHOTO REQUIRED	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 14</u> DATE: <u>15/07/29</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 11304
DATE: 15/07/29

PO / BATCH NO.: 29212/M132876

MATERIAL CERT REC'D: yes
QUANTITY RECEIVED: 12
QUANTITY INSPECTED: _____
QUANTITY REJECTED: _____

THICKNESS ORDERED: .375X3.00
THICKNESS RECEIVED: .375X3.00
SHEET SIZE ORDERED: _____
SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
<p style="text-align: center;">DAS 14 9-00</p> <p>INSPECTED BY: _____</p> <p>DATE: <u>15/07/29</u></p>	<p>SIGNED OFF BY: _____</p> <p>DATE: _____</p>

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304
DATE: 15/07/29

PO / BATCH NO: 29217/M32876

MATERIAL CERT REC'D: yes
QUANTITY RECEIVED: 13'4"
QUANTITY INSPECTED: 13'4"
QUANTITY REJECTED: _____

THICKNESS ORDERED: RB 1.250
THICKNESS RECEIVED: RB 1.250
SHEET SIZE ORDERED: _____
SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>14</u> DATE: <u>15/07/29</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606/TL
 DATE: 15/07/29

PO / BATCH NO.: 29217/M/132876

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 12'
 QUANTITY INSPECTED: 12'
 QUANTITY REJECTED: _____

THICKNESS ORDERED: .75 X 1.50
 THICKNESS RECEIVED: .75 X 1.50
 SHEET SIZE ORDERED: _____
 SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 14 9-89</u> DATE: <u>15/07/29</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M1606/T6
 DATE: 15/07/29

PO / BATCH NO.: 29217/1032876

MATERIAL CERT REC'D: Y/N
 QUANTITY RECEIVED: 60
 QUANTITY INSPECTED: 60
 QUANTITY REJECTED: _____

THICKNESS ORDERED: RB.375
 THICKNESS RECEIVED: RB.375
 SHEET SIZE ORDERED: _____
 SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	N	
CORRECT FINISH	Y	N	
CORROSION	Y	N	
CORRECT GRAIN DIRECTION	Y	N	
CORRECT MATERIAL	Y	N	
CORRECT THICKNESS	Y	N	
PHOTO REQUIRED	Y	N	
CORRECT MATERIAL	Y	N	
CORRECT REF # TO LINK CERT	Y	N	
CORRECT MATERIAL IDENTIFICATION	Y	N	
CORRECT M# ON THE MATERIAL	Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 14</u> DATE: <u>15/07/29</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606IT6
DATE: 15/07/29

PO / BATCH NO: 29217/M132876

MATERIAL CERT REC'D: yes
QUANTITY RECEIVED: 48
QUANTITY INSPECTED: 48
QUANTITY REJECTED: _____

THICKNESS ORDERED: RB.500
THICKNESS RECEIVED: RB 500
SHEET SIZE ORDERED: _____
SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	N	
CORROSION	Y	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	N	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	N	
CORRECT THICKNESS	<input checked="" type="checkbox"/>	N	
PHOTO REQUIRED	Y	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>14</u> <u>9-29</u>	SIGNED OFF BY: _____
DATE: <u>15/07/29</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M16016/T6
 DATE: 15/07/29

PO / BATCH NO.: 29217/M/32876

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 36'
 QUANTITY INSPECTED: 36'
 QUANTITY REJECTED: _____

THICKNESS ORDERED: RB .625
 THICKNESS RECEIVED: RB .625
 SHEET SIZE ORDERED: _____
 SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF.	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>14 9-89</u> DATE: <u>15/07/29</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO29217**

Purchase Order Date 7/21/2015

PO Print Date 7/21/2015

Page Number 1 of 5

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone

Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Linda Lacelle
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M304B0.375X03.000	M304 SS bar .375 x 3.00	7/27/2015 Yes 7/27/2015		12.00 f	\$13.35	\$160.20

AISI 304/316 SS BAR OR AISI 304/316 SS PLATE
(NOTE: AISI 303 NOT ACCEPTABLE)
ASTM A276 OR ASTM A240

Line Total: \$160.20

2	M304R1.250	304 round bar 1.250	7/27/2015 Yes 7/27/2015		13.00 f	\$11.76	\$152.89
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AISI 304/316 SS ROUND BAR
(NOTE: AISI 303 NOT ACCEPTABLE) SPECIFICATION: ASTM A276

Line Total: \$152.89

Note:

7/21/2015

SP15-07-29
B.4



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO29217**

Purchase Order Date 7/21/2015

PO Print Date 7/21/2015

Page Number 2 of 5

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Linda Lacelle
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA – (Free Carrier)

3	M6061T6B0.750X01.500	6061-T6 Bar .750 X 1.50	7/27/2015	12.00	✓	\$3.33	\$40.00
			Yes	f			
			7/27/2015				

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$40.00

4	M6061T6B4.500X4.500	6061-T6 AluminumBar 4.500" X 4.500"	7/27/2015	6.00	✓	\$67.38	\$404.25
			No	f			
			7/27/2015				

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$404.25

Note:

7/21/2015

8015-07-29



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO29217**

Purchase Order Date 7/21/2015

PO Print Date 7/21/2015

Page Number 3 of 5

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Linda Lacelle
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

5	M6061T6S.125	6061-T6 .125 Sheet	7/27/2015 Yes 7/27/2015	64.00 sf 65 sf.	\$5.86	\$375.20
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6061-T61T62 ALUMINUM SHEET
SPECIFICATION:
QQ-A-250/11 OR AMS-QQ-A-250/11
OR AMS 4025 OR AMS 4027
OR ASTM B209

Line Total: \$375.20

6	M6061T6R3.500	6061 RD bar 3.50	7/27/2015 Yes 7/27/2015	12.00 ✓ f	\$28.33	\$340.00
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CUT IN TWO PIECES

6061-T61T651/T65101T65111T62 ALUMINUM ROUND BAR
SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
& OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

Line Total: \$340.00

7	M6061T6R0.375	6061-T6 Round Bar .375"	7/27/2015 Yes 7/27/2015	12.00 f reel of	\$2.92	\$35.00
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as above

Note:

SP15-07-29

7/21/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO29217**

Purchase Order Date 7/21/2015

PO Print Date 7/21/2015

Page Number 4 of 5

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Linda Lacelle
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

Line Total: \$35.00

8	M6061T6R0.500	6061-T6 Round Bar .500"	7/27/2015 Yes 7/27/2015	24.00 f order 48 f	\$1.46	\$35.00
as above						

Line Total: \$35.00

9	M6061T6R0.625	6061-T6 Round Bar .625"	7/27/2015 Yes 7/27/2015	24.00 f order 36 f	\$1.46	\$35.00
as above						

Line Total: \$35.00

SP15-07-29

Note:

7/21/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO29217**

Purchase Order Date 7/21/2015

PO Print Date 7/21/2015

Page Number 5 of 5

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Linda Lacelle
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA – (Free Carrier)

10	71401-45	Procurement Quality Clause	7/27/2015	1.00	✓	\$0.00	\$0.00
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No

7/27/2015

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

SP15-07-29

Line Total: \$0.00

PO Total: \$1,577.53

6

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 7/21/2015

Q U O T A T I O N

No: PEC ST-827517

Quoted By:

THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Quoted To: (20115)

DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Quoted Ship To: (1)

DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Trm NET 30 DAYS/NET 30 JOURS

Qtd 21Jul15 Qte Ref

Frt PREPAID

Via

FOB

Tel 613-632-9577 Fax 613-632-1053 Ctc LINDA

Slp STAN IVERS (905-532-1350)

Q U O T A T I O N

QT No: PEC ST-827517

Test Certs: Chem-Y Phys-Y 1 Original copies with Shipment, 1 with Invoice

1	STAINLESS STEEL FLAT BAR 304L SLIT/EDGED .375" x 3.00" X 144.0000" MATERIAL ENERGY & CAP SURCHG	12 FT @	1 PCS 13.3500 FT 25.0000 LOT	46 LBS 12 FT 160.20 25.00
2	STAINLESS STEEL ROUND BAR 304L 1.250" DIA X 157.0000" MATERIAL	13 ' 1.0000 " @	1 PCS 11.6583 FT	55 LBS 13 ' 1.0000 " 152.53
3	ALUMINUM FLAT BAR 6061-T6511 .750" X 1.50" X 144.0000" MATERIAL	12 FT @	1 PCS 3.3333 FT	16 LBS 12 FT 40.00
4	ALUMINUM SQUARE BAR 6061-T6511 4.50" X 72.0000" <<<----- SPECIFICATIONS ----->>> Ga Tol + 0.0000 - 0.0000 Pc/Tag 1 WthTol + 0.0000 - 0.0000 Wt/Skd LthTol + 0.1250 - 0.0000 Ty Pk MATERIAL	1 PCS @	404.2500 EA	147 LBS 404.25
5	ALUMINUM SHEET 6061 T6 .1250 Nom X 48.0000" X 96.0000" MATERIAL	2 PCS @	2 PCS 187.6000 EA	112 LBS 375.20
6	ALUMINUM ROUND BAR 6061-T6511 3.50" DIA X 144.0000" CUT IN HALF <<<----- SPECIFICATIONS ----->>> Ga Tol + 0.0000 - 0.0000 Pc/Tag 1 WthTol + 0.0000 - 0.0000 Wt/Skd LthTol + 0.0000 - 0.0000 Ty Pk MATERIAL	12 FT @	1 PCS 28.3333 FT	136 LBS 12 FT 340.00

Q U O T A T I O N

No: PEC ST-827517

Quoted By:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 905-738-9033

Quoted To: (20115)
 DART AEROSPACE

Quoted Ship To: (1)
 DART AEROSPACE

Q U O T A T I O N

QT No: PEC ST-827517

7 ALUMINUM ROUND BAR 6061-T6511	5 PCS	8 LBS
.375" DIA X 144.0000"		
MATERIAL	35.0000 LOT	35.00
8 ALUMINUM ROUND BAR 6061-T6511	4 PCS	12 LBS
.50" DIA X 144.0000"		
MATERIAL	35.0000 LOT	35.00
9 ALUMINUM ROUND BAR 6061-T6511	3 PCS	14 LBS
.625" DIA X 144.0000"		
MATERIAL	35.0000 LOT	35.00

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
 TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
 ** REFERENCED ON IT **

Price in effect at time of shipment.

Price based on receipt of total order.

All weights are theoretical.

All orders are subject to credit approval.

**** TEL. 800-926-2600 ****

*** CUSTOMER PICK-UP HOURS ***

*** 9:00 AM TO 4:00 PM ***

 * WE STOCK STAINLESS STEEL!!!! *
 * PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

 ***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
 ADDED TO EVERY ORDER.***

 *FOR OUR FULL SALES TERMS AND CONDITIONS, PLEASE
 *VISIT OUR WEBSITE: www.copperandbrass.com

 *FOR OUR FULL SALES TERMS AND CONDITIONS, PLEASE
 *VISIT OUR WEBSITE: www.copperandbrass.com

 *FOR OUR FULL SALES TERMS AND CONDITIONS, PLEASE
 *VISIT OUR WEBSITE: www.copperandbrass.com

Order Totals: 9 Items 546 LBS

Material	Processing	Freight	Other	Taxes	ORDER AMT
1,577.18			25.00	208.29	1,810.47
Taxes: ONHSTS	208.29	0.00		0.00	0.00